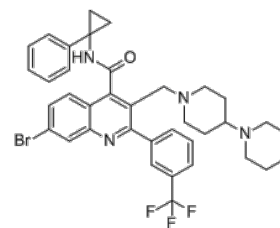


Product Name : GSK2193874
Cat. No. : PC-60294
CAS No. : 1336960-13-4
Molecular Formula : C₃₇H₃₈BrF₃N₄O
Molecular Weight : 691.62
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

GSK2193874 (GSK 2193874) is an orally active, potent, and selective blocker of **TRPV4 channel** with IC₅₀ of 40 nM and 2 nM for hTRPV4 and rTRPV4, respectively.

GSK2193874 shows high selectivity against TRPV1, TRPA1, TRPC3, TRPC6, TRPM8 (IC₅₀>25 μM).

GSK2193874 is the first-in-class orally bioavailable TRPV4 inhibitor which demonstrates ability to improve pulmonary functions in a number of heart failure models.

References

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Buday T, et al. *Respir Physiol Neurobiol.* 2017 Feb;236:1-4.

Thorneloe KS, et al. *Sci Transl Med.* 2012 Nov 7;4(159):159ra148.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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